

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0027] of the specification with the following amended paragraph [0027]:

[0027] In addition to ~~various~~ the various conductor patterns mentioned above, certain embodiments may have conductors of 100 to 400 Å in thickness, for example, with a ~~width~~ widths and lengths being a function of the application, all depending on the resistance value desired. Additional examples of materials from which to make the conductors include salicided polysilicon and various metals, such as, for example, aluminum, copper, titanium or other refractory materials.

Please replace paragraph [0043] of the specification with the following amended paragraph [0043]:

[0043] Also, because the fuse blows in discrete steps and it has prescribed changes in resistance, the fuse described herein exhibits discrete resistance values. The discrete resistance values make the device amenable to digital sensing to determine whether it is in a blown or intact state. Additionally, the fuse may function as a programmable resistor having well-characterized resistor value options available to the user.